

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E80063

**Employer :** Universal Avionics

**Worksite :** Universal Avionics

**Street :** 11351 Willows Rd Ne

**Jurisdiction :** City of Redmond

**Participation :** Other

**Status :** TMP

**Survey Type :** Online

**Response Rate :** 71%

**Survey Date :** 9/4/2018

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 22.8%

**Drive Alone Rate :** 77.2%

**One-Way VMT per employee :** 11.3

**Average One-Way distance home to work :** 14.2

### Employees and Survey Response Information

**Reported Total Employees at Worksite :** 92

**Surveys Distributed :** 92

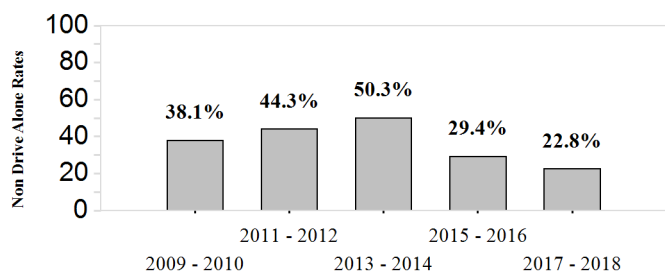
**Surveys Returned :** 65

**Surveys Returned by CTR Affected\* Employees :** 59

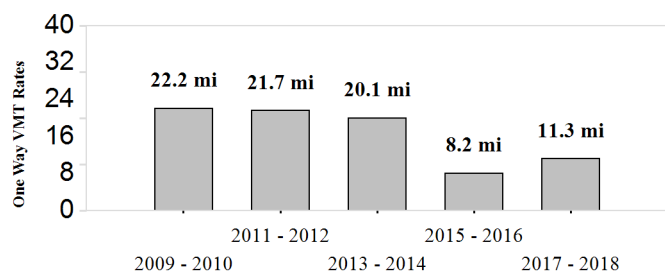
**Total Estimated CTR Affected Employees at Worksite :** 84

*\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

#### **Non Drive Alone Rates - ALL Employees**



#### **One Way VMT per Employee - ALL Employees**



**Site History and Targets**
**Annual Metric Tons CO<sub>2</sub>e Pounds CO<sub>2</sub>e**

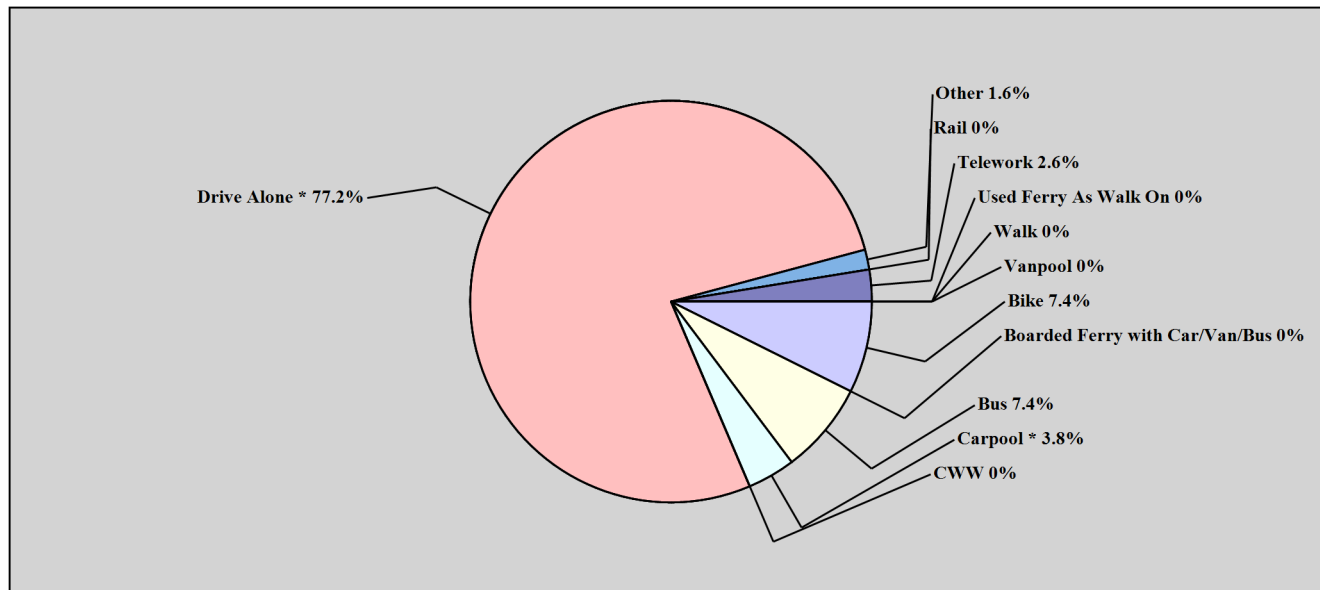
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2009 - 2010	19.3%	19.6%	208	325	31.1	11.8	11.8
2009 - 2010	18.8%	20.5%	141	313	30.0	10.4	10.2
2011 - 2012	23.9%	25.3%	135	268	25.7	10.3	10.4
2011 - 2012	20.4%	21.4%	137	287	27.5	11.4	10.9
2013 - 2014	27.7%	28.4%	98	231	22.1	9.8	9.6
2013 - 2014	22.6%	22.6%	131	258	24.7	10.3	10.0
2015 - 2016	29.4%	29.6%	87	142	13.6	8.2	8.1
2017 - 2018	22.8%	24.3%	140	198	19.0	11.3	11.0
Target	25.3%				Target:	9.7	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	3.5				% Change from Baseline:	-4.2%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



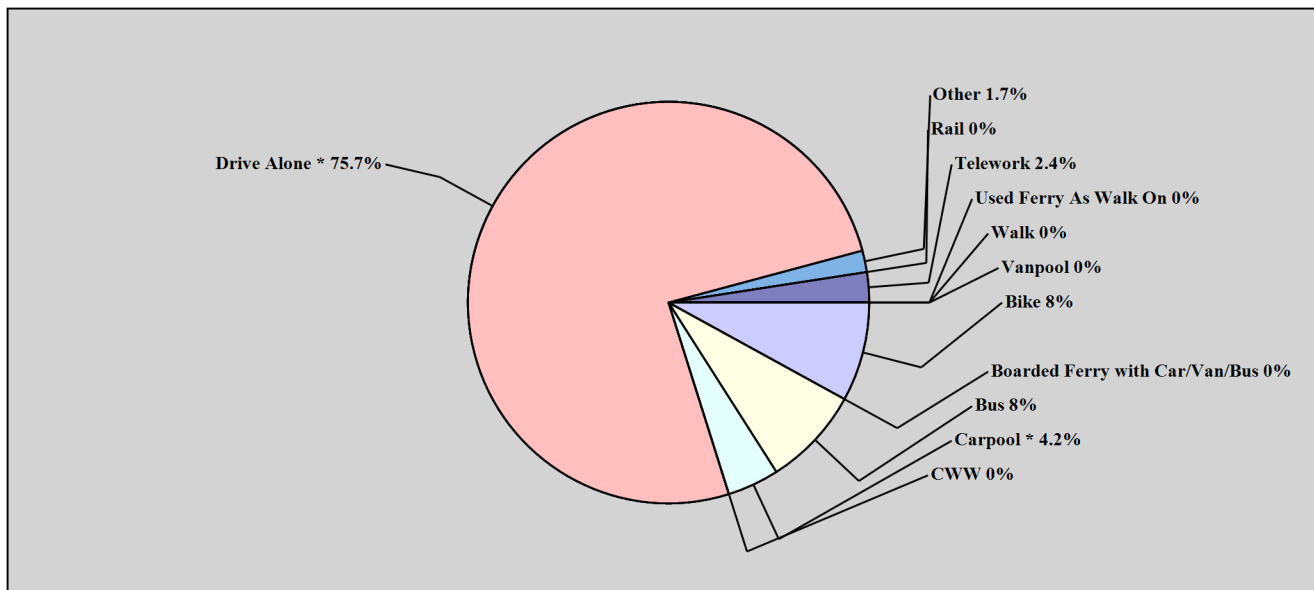
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	241	77.2%	70.6%	55	84.6%	75.0%
Carpool *	12	3.8%	6.3%	4	6.2%	7.7%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	23	7.4%	6.7%	5	7.7%	5.8%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	23	7.4%	11.9%	7	10.8%	17.3%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	8	2.6%	2.4%	4	6.2%	5.8%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	5	1.6%	2.0%	1	1.5%	1.9%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	218	75.7%	70.4%	50	84.7%	74.0%
Carpool *	12	4.2%	6.6%	4	6.8%	8.0%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	23	8.0%	7.0%	5	8.5%	6.0%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	23	8.0%	12.3%	7	11.9%	18.0%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	7	2.4%	1.6%	3	5.1%	4.0%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	5	1.7%	2.1%	1	1.7%	2.0%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	46	71%	65	100%
<b>1 Days</b>	4	6%	19	29%
<b>2 Days</b>	0	0%	15	23%
<b>3 Days</b>	2	3%	15	23%
<b>4 Days</b>	4	6%	13	20%
<b>5 Days</b>	9	14%	9	14%
<b>6 or More Days</b>	0	0%	0	0%

**Count by Occupancy of Carpools and Vanpools**

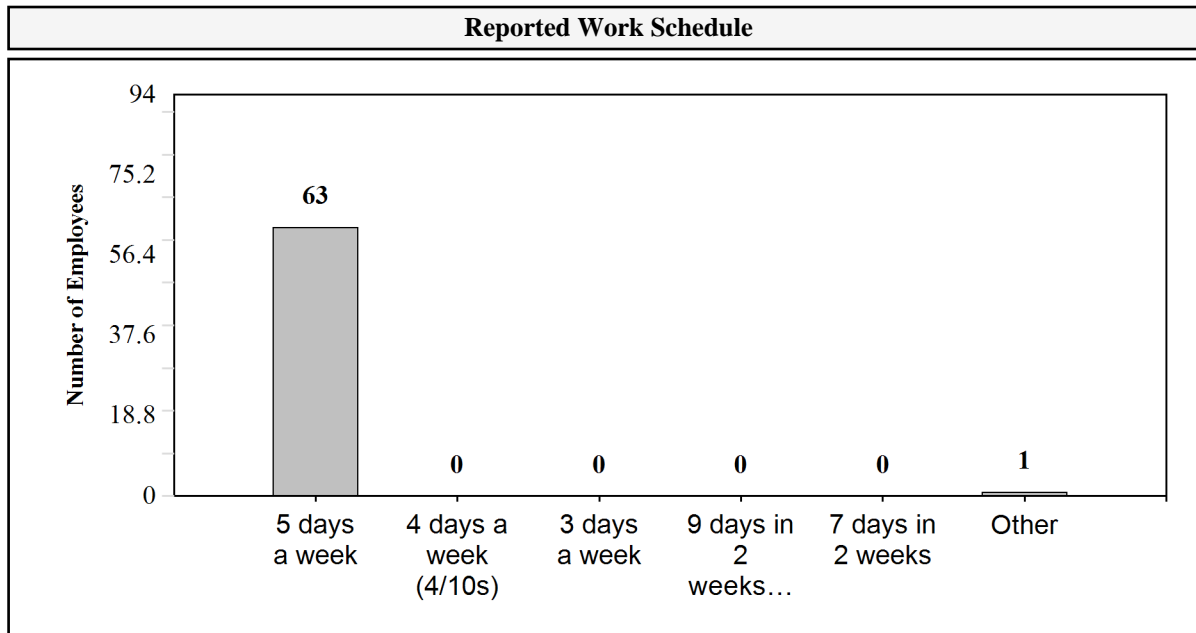
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	12
<b>3</b>	Carpool	0
<b>4</b>	Carpool	0
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	0
<b>&lt;5</b>	Vanpool	0
<b>5</b>	Vanpool	0
<b>6</b>	Vanpool	0
<b>7</b>	Vanpool	0
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

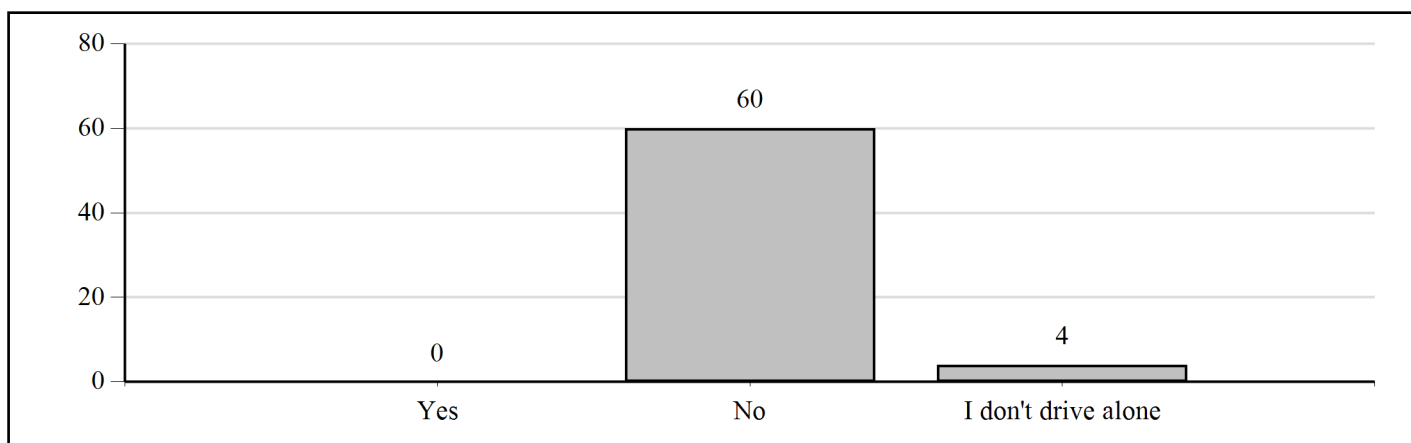
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	63	98.4%
4 days a week (4/10s)	0	0%
3 days a week	0	0%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	1	1.6%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	1.5%
I don't telework	33	50.8%
Occasionally, on an as-needed basis	27	41.5%
1-2 days/month	2	3.1%
1 day/week	1	1.5%
2 days/week	0	0.0%
3 days/week	1	1.5%

**Reasons for driving alone to work/not driving alone to work**
**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Environmental and community benefits	29	22.8%
Personal health or well-being	26	20.5%
To save money	18	14.2%
Financial incentives for carpooling, bicycling or walking.	13	10.2%
Other	13	10.2%
I have the option of teleworking	11	8.7%
Free or subsidized bus, train, vanpool pass or fare benefit	8	6.3%
To save time using the HOV lane	5	3.9%
Driving myself is not an option	3	2.4%
Emergency ride home is provided	1	0.8%
Cost of parking or lack of parking	0	0.0%
I receive a financial incentive for giving up my parking space	0	0.0%
Preferred/reserved carpool/vanpool parking is provided	0	0.0%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	48	31.2%
I like the convenience of having my car	40	26.0%
Family care or similar obligations	23	14.9%
Bicycling or walking isn't safe	15	9.7%
My commute distance is too short	13	8.4%
Other	11	7.1%
I need more information on alternative modes	3	1.9%
My job requires me to use my car for work	1	0.6%
There isn't any secure or covered bicycle parking	0	0.0%



## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98052	6	9.23%	25	0	0	0	0	0	5	0	0	0	0	0	0
98021	4	6.15%	15	0	0	0	0	0	3	0	0	0	0	0	0
98028	4	6.15%	19	0	0	0	0	0	0	0	0	0	0	0	0
98006	3	4.62%	15	0	0	0	0	0	0	0	1	0	0	0	0
98034	3	4.62%	12	0	0	0	0	0	3	0	0	0	0	0	0
98008	2	3.08%	3	5	0	0	0	0	0	0	0	0	0	0	0
98011	2	3.08%	3	0	0	0	0	0	4	0	1	0	0	0	0
98019	2	3.08%	10	0	0	0	0	0	0	0	0	0	0	0	0
98027	2	3.08%	10	0	0	0	0	0	0	0	0	0	0	0	0
98053	2	3.08%	5	0	0	0	0	0	0	0	0	0	0	0	0
98059	2	3.08%	8	0	0	2	0	0	0	0	0	0	0	0	0
98072	2	3.08%	5	0	0	0	0	0	5	0	0	0	0	0	0
98077	2	3.08%	10	0	0	0	0	0	0	0	0	0	0	0	0
98105	2	3.08%	0	0	0	0	10	0	0	0	0	0	0	0	0
98133	2	3.08%	5	4	0	0	0	0	0	0	0	0	0	0	0
98296	2	3.08%	10	0	0	0	0	0	0	0	0	0	0	0	0
98004	1	1.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98012	1	1.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98014	1	1.54%	0	0	0	0	0	0	0	0	5	0	0	0	0
98031	1	1.54%	3	0	0	0	0	0	0	0	1	0	0	0	0
98033	1	1.54%	0	2	0	0	0	0	3	0	0	0	0	0	0
98036	1	1.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98037	1	1.54%	0	0	0	0	0	0	0	0	0	0	0	0	5
98043	1	1.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98065	1	1.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98074	1	1.54%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98075	1	1.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98087	1	1.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98102	1	1.54%	1	0	0	0	4	0	0	0	0	0	0	0	0
98103	1	1.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98104	1	1.54%	1	0	0	0	4	0	0	0	0	0	0	0	0
98109	1	1.54%	0	0	0	0	5	0	0	0	0	0	0	0	0
98117	1	1.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98126	1	1.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98168	1	1.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98198	1	1.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98272	1	1.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98373	1	1.54%	5	0	0	0	0	0	0	0	0	0	0	0	0
98922	1	1.54%	4	1	0	0	0	0	0	0	0	0	0	0	0